

AMENDMENTS TO THE SPECIFICATION:

ABSTRACT

A fume extraction device including a fan for extracting fume-laden air from a cooking device in a room to an area located outside the room. The fume extraction device includes a pressure differential detection device for detecting the pressure difference (P_d) between an inside pressure (P_i) in the room and the outside pressure (P_a) in the area located outside the room. The fume extraction device further includes a control device for controlling the air conveying capacity of the fan according to the (P_d).